

DIVISIBILITY BY 2, 3, 4 AND 5



By 2: You can divide by 2 if the number is even, which means if the last digit is **0, 2, 4, 6 or 8**.

By 3: You can divide by 3 if the **SUM** of its digits is divisible by 3.

By 4: You can divide by 4 if the **LAST** two digits are divisible by 4.

By 5: You can divide by 5 if the last digit is 0 or 5.

MIND GYMNASTICS

$20 - 10 =$ →  START	<input style="width: 30px; height: 20px;" type="text"/> $+ 4 =$ →	<input style="width: 30px; height: 20px;" type="text"/> $\div 2 =$ →	<input style="width: 30px; height: 20px;" type="text"/> $\times 6 =$ →	<input style="width: 30px; height: 20px;" type="text"/> $\div 3 =$ ↓
<input style="width: 30px; height: 20px;" type="text"/> $\div 4 =$ ↓	<input style="width: 30px; height: 20px;" type="text"/> $+ 8 =$ ←	<input style="width: 30px; height: 20px;" type="text"/> $\times 10 =$ ←	<input style="width: 30px; height: 20px;" type="text"/> $\div 5 =$ ←	<input style="width: 30px; height: 20px;" type="text"/> $+ 6 =$ ←
<input style="width: 30px; height: 20px;" type="text"/> $\times 5 =$ →	<input style="width: 30px; height: 20px;" type="text"/> $\div 10 =$ →	<input style="width: 30px; height: 20px;" type="text"/> $+ 9 =$ →	<input style="width: 30px; height: 20px;" type="text"/> $+ 6 =$ →	<input style="width: 30px; height: 20px;" type="text"/> $\div 3 =$ ↓
<input style="width: 30px; height: 20px;" type="text"/> END 	<input style="width: 30px; height: 20px;" type="text"/> $\div 20 =$ ←	<input style="width: 30px; height: 20px;" type="text"/> $+ 13 =$ ←	<input style="width: 30px; height: 20px;" type="text"/> $\div 5 =$ ←	<input style="width: 30px; height: 20px;" type="text"/> $\times 5 =$ ←

Start at the top left hand corner and follow the arrows around the grid filling in the blank boxes as you go. Try to complete the grid without looking at the answers.

When you have finished you can make a big smile!

Answers: 10, 14, 7, 42, 14, 20, 4, 40, 48, 12, 60, 6, 15, 21, 7, 35, 7, 20, 1